

ABSTRACT OF THE DISCLOSURE

Carbon fiber bundles may be dispersed into substantially single mono-filaments in pitch by stirring a mixture of fibers and pitch at a temperature at which the pitch has a viscosity of about 0.1 to about 5 poise. The resulting fiber pitch binder contains about 0.5 to about 10.0 wt.% carbon fibers substantially dispersed as substantially single mono-filaments which are randomly oriented which may then be used directly as a binder for producing carbon bodies, for example, graphite electrodes, pinstock or specialty graphite articles. This unique binder using an economical amount of carbon fibers has the capacity to increase the strength and reduce the coefficients of thermal expansion of the resulting carbon products in more than one direction due to the random orientation of the carbon fibers.

10673720-02102